

IN THE CLAIMS

Please add new claims 55-66, as set forth below.

The pending claims, along with their current status and amendments, if any, are set forth below:

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1-34. (Canceled).

35. (Previously Presented) A color display system, comprising:

a color display device that stores color correction data in an unused portion in a

standard memory associated therewith, the color correction data comprising a

plurality of coefficients representative of an equation that describes an input-

output color characteristic associated with the color display device; and

a computer system that is adapted to:

load the color correction data from the color display device; and

create a video signal based on the color correction data.

36. (Original) The color display system set forth in claim 35, wherein the computer system is adapted to send the video signal to the color display device.

37. (Canceled).

38. (Previously Presented) The color display system set forth in claim 35, wherein the input-output color characteristic comprises a signal input-to-first color output relationship of the color display device.

39. (Previously Presented) The color display system set forth in claim 35, wherein the equation comprises a polynomial equation.

40. (Previously Presented) The color display system set forth in claim 35, wherein the equation comprises a third order polynomial equation which predicts the brightness of the first color to within 0.3 foot-lamberts for each input signal for the color display device.

41. (Original) The color display system set forth in claim 35 wherein the color display device can be at least one of a VGA monitor, a MultiSync monitor, a flat panel NCD display, a flat panel SPU display, a flat panel LCD display, a reflective LCD display, and a FED display device.

42. (Previously Presented) A color display device that stores color correction data in an unused portion in a standard memory associated therewith, the color correction data comprising a plurality of coefficients representative of an equation that describes an input-output color characteristic of the color display device.

43. (Previously Presented) The color display device set forth in claim 42, wherein the color display device is adapted to receive the video signal from a computer system.

44. (Canceled).

45. (Previously Presented) The color display device set forth in claim 42, wherein the input-output color characteristic comprises a signal input-to-first color output relationship of the color display device.

46. (Previously Presented) The color display device set forth in claim 42, wherein the equation comprises a polynomial equation.

47. (Previously Presented) The color display device set forth in claim 42, wherein the equation comprises a third order polynomial equation which predicts the brightness of the first color to within 0.3 foot-lamberts for each input signal for the color display device.

48. (Previously Presented) The color display device set forth in claim 42 wherein the color display device can be at least one of a VGA monitor, a MultiSync monitor, a flat panel NCD display, a flat panel SPU display, a flat panel LCD display, a reflective LCD display, and a FED display device.

49. (Previously Presented) A method of providing color correction in a color display system, the color display system comprising a color display device that stores color correction data in an unused portion in a standard memory associated therewith, the color correction data comprising a plurality of coefficients representative of an equation that describes an input-output color characteristic of the color display device, and a computer system that is adapted to provide a video signal to the color display device, the method comprising:

retrieving the color correction data from the unused portion in the standard memory associated with the color display device;

using the color correction data to create the video signal.

50. (Original) The method set forth in claim 49, comprising delivering the video signal to the color display device.

51. (Previously Presented) The method set forth in claim 49, comprising employing the color correction data to predict a brightness of a first color to within 0.3 foot-lamberts.

52. (Original) The color display system set forth in claim 35, wherein the standard memory comprises a display data channel ("DDC") memory.

53. (Original) The color display device set forth in claim 42, wherein the standard memory comprises a display data channel ("DDC") memory.

54. (Original) The method set forth in claim 49, wherein the standard memory comprises a display data channel ("DDC") memory.

55. (New) A color display system, comprising:

a color display device that stores color correction data in a Display Data Channel

("DDC") memory associated therewith, the color correction data comprising a

plurality of coefficients representative of an equation that describes an input-

output color characteristic associated with the color display device; and

a computer system that is adapted to:

load the color correction data from the color display device; and

create a video signal based on the color correction data.

56. (New) The color display system set forth in claim 55, wherein the computer system is adapted to send the video signal to the color display device.

57. (New) The color display system set forth in claim 55, wherein the input-output color characteristic comprises a signal input-to-first color output relationship of the color display device.

58. (New) The color display system set forth in claim 55, wherein the equation comprises a polynomial equation.

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59. (New) The color display system set forth in claim 55, wherein the equation comprises a third order polynomial equation which predicts the brightness of the first color to within 0.3 foot-lamberts for each input signal for the color display device.

60. (New) The color display system set forth in claim 55 wherein the color display device can be at least one of a VGA monitor, a MultiSync monitor, a flat panel NCD display, a flat panel SPU display, a flat panel LCD display, a reflective LCD display, and a FED display device.

61. (New) A color display device that stores color correction data in a Display Data Channel ("DDC") memory associated therewith, the color correction data comprising a plurality of coefficients representative of an equation that describes an input-output color characteristic of the color display device.

62. (New) The color display device set forth in claim 61, wherein the color display device is adapted to receive the video signal from a computer system.

63. (New) The color display device set forth in claim 61, wherein the input-output color characteristic comprises a signal input-to-first color output relationship of the color display device.

64. (New) The color display device set forth in claim 61, wherein the equation comprises a polynomial equation.

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65. (New) The color display device set forth in claim 61, wherein the equation comprises a third order polynomial equation which predicts the brightness of the first color to within 0.3 foot-lamberts for each input signal for the color display device.

66. (New) The color display device set forth in claim 61 wherein the color display device can be at least one of a VGA monitor, a MultiSync monitor, a flat panel NCD display, a flat panel SPU display, a flat panel LCD display, a reflective LCD display, and a FED display device.

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